

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	35	((adaptive near2 (equalizer or filter)) with interference) same2 ((pilot or preamble) with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 07:24
S2	32	S1 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 07:25
S3	314	(notch\$3 filter) with (bypass\$3 or deactivat\$3 or disabl\$3 or turn\$3 off)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 07:35
S4	7	S3 and ((pilot or preamble) with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 07:35
S5	302	(filter or equalizer) with narrowband interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 07:44
S6	13	S5 and ((pilot or preamble) near4 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 07:44
S7	0	pilot extraction and (narrowband interference with filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:08
S8	0	pilot extract\$3 and (narrowband interference with filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:08
S9	33	pilot and (narrowband interference with filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:08
S10	19	S9 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:08

S11	72	((pilot or preamble) with detection) and (switch\$3 with data path)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:25
S12	50	S11 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:28
S13	0	S12 and (((pilot or preamble) with detection) same (switch\$3 with data path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:28
S14	0	S12 and (((pilot or preamble) with detection) same2 (switch\$3 with data path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:28
S15	1	S12 and (((pilot or preamble) with detection) same3 (switch\$3 with data path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:29
S16	224	((pilot or preamble) with detect\$3) and (select\$3 with data path)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:33
S17	208	S16 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:33
S18	5	S17 and (((pilot or preamble) with detect\$3) same (select\$3 with data path))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:33
S19	296	((pilot or preamble) with detect\$3 with (mux or switch\$3 or select\$3) with (data path or path or rout \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:40
S20	213	S19 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/28 08:40
S21	3	("20010033625"   "6967694").PN. OR ("7424054").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/28 09:18
S23	0	(narrowband interference) with (adaptive near2 filter) with pilot with detect43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:14

S24	1	(narrowband interference) with (adaptive near2 filter) with pilot with detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:14
S25	0	(narrowband interference) with (adaptive near2 filter) with preamble with detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:14
S26	47	(narrowband interference) with (adaptive near2 filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:14
S27	28	S26 and (@pd<="20030325" OR @ad<="20030325" OR @lad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:15
S28	84	(narrowband near3 interference) with (adaptive near2 filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:18
S29	63	S28 and (@pd<="20030325" OR @ad<="20030325" OR @lad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:19
S30	4	S29 and ((pilot or preamble) with (detect\$3 or correlat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:20
S31	4	narrowband with interference with (preamble or pilot) with (detect\$3 or correlat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:21
S32	2	narrowband with distortion with (preamble or pilot) with (detect\$3 or correlat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:42
S33	9	narrow\$1band with interference with (preamble or pilot) with (detect\$3 or correlat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:42
S34	4	S33 and (@pd<="20030325" OR @ad<="20030325" OR @lad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/06 15:42
S35	0	fir with interference with ((pilot or training or preamble) near2 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 07:45

S36	20	filter with interference with ((pilot or training or preamble) near2 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 07:45
S37	50	ntsc with narrowband	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 07:46
S38	0	filter with ((narrowband or narrow\$1band) near2 (noise or jam or jamming)) with ((pilot or training or preamble) near2 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:07
S39	8	((narrowband or narrow\$1band) near2 (interference or noise or jam or jamming)) with ((pilot or training or preamble) near2 detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:07
S40	150	(adaptive near2 filter) with ((narrowband or narrow \$1band) with (noise or interference))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:11
S41	113	S40 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:11
S42	5	S41 and ((pilot or training or preamble) with detect \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:12
S43	673	equalizer with ((training or pilot or preamble) with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:42
S44	509	S43 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 08:42
S45	4	"6169770" and correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 09:15
S46	0	"6169770".pn. and correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 09:16
S47	1	10/550633 and repetition	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 09:24

S51	2	preamble with repeat\$3 symbol with correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 09:30
S52	21	equalizer with narrowband interference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 09:48
S53	34	timeout with ((pilot or preamble or training) with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 10:02
S54	15	((correlat\$3 or match filter) with (peak or max) with threshold) same ((pilot or preamble or training) near2 (extract\$3 or detect\$3) with (timeout or predetermined))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 10:26
S55	146	(correlat\$3 or match filter) same ((pilot or preamble or training) near2 (extract\$3 or detect\$3) with (timeout or predetermined))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 10:27
S56	68	S55 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 10:27
S57	2	((correlat\$3 or match filter) with (peak or max) with threshold) same ((pilot or preamble or training) near2 (extract\$3 or detect\$3)) same2 (timeout or count\$3 near4 predetermined)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 10:51
S58	20	((correlat\$3 or match filter) with ((pilot or preamble or training) near2 (extract\$3 or detect\$3))) same2 (timeout or count\$3 near4 predetermined)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 10:52
S59	0	(sliding near2 (correlation or match filter)) with timeout	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:01
S60	1	(sliding near2 (correlation or match filter)) same timeout	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:01
S61	5	(sliding near2 (correlation or match filter)) same3 timeout	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:02

S62	250	preamble with delay with correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:29
S63	111	S62 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:29
S64	92	S63 and ((pilot or preamble or training) with detect \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:38
S65	116	(slid\$3 near2 correlator) with (match\$3 near2 filter near2 correlator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:48
S66	97	S65 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:49
S67	2	S66 and ((pilot or training or preamble) near3 detect \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 11:49
S68	1	equalizer with (number near2 tap) with interference with narrowband	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:17
S69	2	"20040100939" and delay	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:31
S70	35	(equalizer or filter) with delay\$3 with known (time or length)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:34
S71	21	S70 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:34
S72	4325	(equalizer or filter) with delay\$3 with reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:35
S73	226	(equalizer or filter) with delay\$3 signal with reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:36

S74	146	S73 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:36
S75	28	S74 and (delay\$3 signal near3 reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:37
S76	3	(equalizer or filter) with (delay\$3 near2 as near2 reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:44
S77	0	((repeat\$3 near2 (sample or symbol or sequence)) with (preamble or pilot or training)) with delay\$3 with reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 12:46
S78	971	(fine with coarse) and ((pilot or preamble or training) with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:09
S79	75	(fine with coarse) with ((pilot or preamble or training) with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:10
S80	24	S79 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:10
S81	12	S80 and synchronization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:12
S82	0	(fine with coarse) with ((pilot or preamble or training) with detect\$3) and (correlator with coarse) and (match filter with fine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:16
S83	0	((pilot or preamble or training) with detect\$3) and (correlator with coarse) and (match filter with fine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:16
S84	2	((pilot or preamble or training) with detect\$3) and (correlator with peak) same (match filter )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:16
S85	35	((pilot or preamble or training) with detect\$3) with (timeout or timing out)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:52

S86	0	((pilot or preamble or training) with detect\$3) with (timeout or timing out) with count\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:52
S87	35	((pilot or preamble or training) with detect\$3) with (timeout or timing out)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:53
S88	0	equalizer with blind with delay with reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:55
S89	291	equalizer with delay with reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:55
S90	52	equalizer with (delay near3 reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:55
S91	40	S90 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:55
S92	3	(adaptive near2 filter) with (delay near3 (receive or input) near3 reference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:58
S93	37	(adaptive near2 filter) with (delay near3 (receive or input)) with subtract\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 13:59
S94	1134	((training or pilot or preamble) near2 detect\$3) same (time out or time\$4out or count\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 18:17
S95	111	((training or pilot or preamble) near2 detect\$3) same (time out or time\$4out)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 18:17
S96	81	S95 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 18:17
S97	2	S96 and (((training or pilot or preamble) near2 detect \$3) same (time out or time\$4out) same (correlat\$3 or matched filter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/07 18:18

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S22	8	(Alan near2 coulson).in.	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/04/28 08:02
S99	14513	375/316,136,137,147,148,150,152,229,232,346,350.xls.	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 14:00
S100	9566	S99 and (@pd<="20030325" OR @ad<="20030325" OR @rlad<="20030325" OR @prad<="20030325")	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 14:01
S101	5	S100 and (filter with interference with ((pilot or preamble) near3 (correlat\$3 or detect\$3)))	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 14:05
S102	136	S100 and (filter with ((pilot or preamble) near3 (correlat\$3 or detect\$3)))	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 14:08
S103	2	S102 and ((skip\$4 or bypass\$3) near3 filter)	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 14:08
S104	9	S102 and ((narrowband or narrow?band) interference)	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 14:23
S111	1	filter with (narrowband or narrow?band) with interference with ((pilot or preamble) near3 (correlat\$3 or match\$3 filter or detect\$3))	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 15:31

S112	4	(bypass\$3 or skip\$4) with ((pilot or preamble) near3 (correlat\$3 or match \$3 filter or detect\$3))	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/10/26 15:32
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11/9/2010 9:27:05 AM

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